

---

3/19/1

012767420      \*\*Image available\*\*

WPI Acc No: 1999-573540/199949

XRPX Acc No: N99-422861

**User communication and monitoring system for computer networks, e.g. Internet for when user connects client computer via networks to host computer chosen by client and information connection is formed**

Patent Assignee: PEKKOLA S (PEKK-I); ROBINSON M (ROBI-I)

Inventor: PEKKOLA S; ROBINSON M

Number of Countries: 025    Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 939516	A2	19990901	EP 99660008	A	19990119	199949 B

Priority Applications (No Type Date): FI 9896 A 19980119

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

EP 939516	A2	E	12	H04L-012/26	
-----------	----	---	----	-------------	--

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

Abstract (Basic): EP 939516 A2

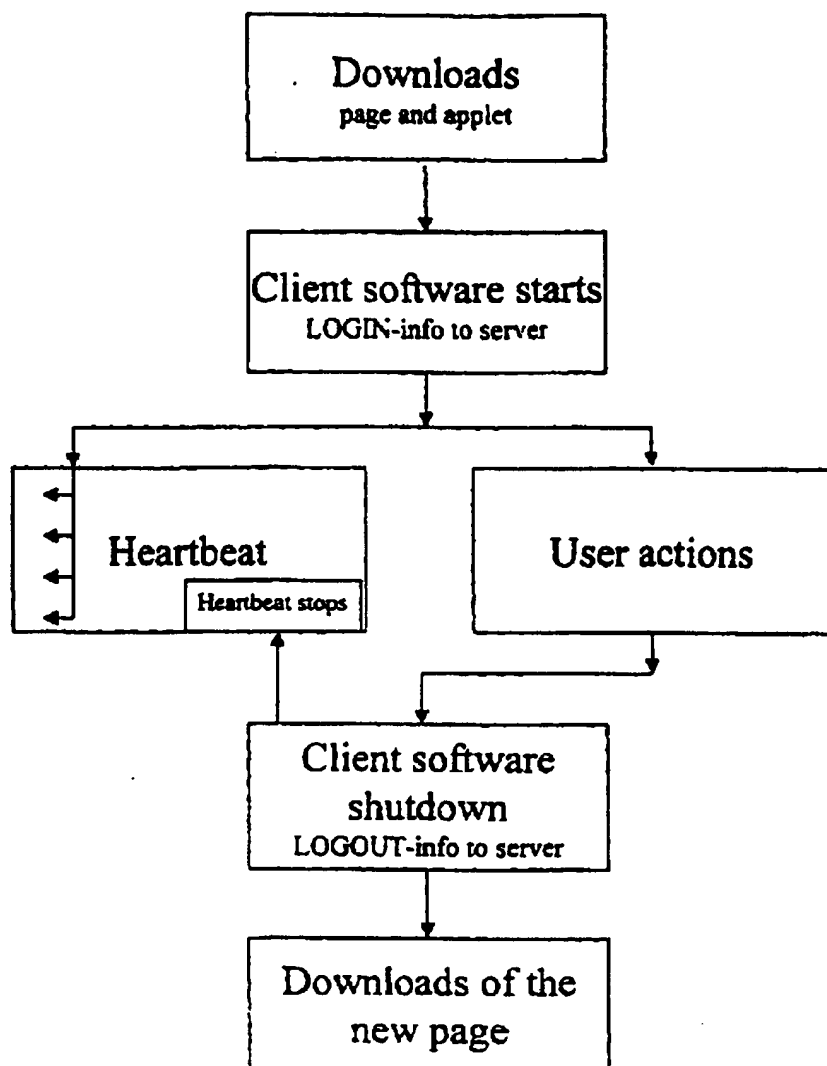
NOVELTY - Using system client and host computers have support for so called applet software, where downloaded file can be embedded by applet program, launched by certain user's browser actions, especially actions on browser page. Applet program can communicate with the host computer and send starting information as well as periodic pulses, so called heartbeats, and the host records this information.

USE - For providing user communication and monitoring system for computer networks such as the Internet.

ADVANTAGE - Generates ongoing real time user information that is not vulnerable to interrupted communication, such as machine crashes and network breakdowns.

DESCRIPTION OF DRAWING(S) - The drawing shows a model of an UCMS client software, such as an applet.

pp; 12 DwgNo 2/6



Title Terms: USER; COMMUNICATE; MONITOR; SYSTEM; COMPUTER; NETWORK; USER;  
CONNECT; CLIENT; COMPUTER; NETWORK; HOST; COMPUTER; CHOICE; CLIENT;  
INFORMATION; CONNECT; FORMING

Derwent Class: T01; W01

International Patent Class (Main): H04L-012/26

International Patent Class (Additional): G06F-011/34; G06F-017/30;  
H04L-029/06

File Segment: EPI

Manual Codes (EPI/S-X): T01-G05C1; T01-H07C3E; T01-H07C5A; T01-H07C5E;  
T01-J05B; W01-A06A; W01-A06B7

Derwent WPI (Dialog® File 351): (c) 2002 Derwent Info Ltd. All rights reserved.

---

© 2002 The Dialog Corporation plc